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O I P E J C I O S
OCT 04 2004
PATENT & TRADEMARK OFFICE

TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/646,532	
	Filing Date	August 22, 2003	
	First Named Inventor	Kenneth COLLINS	
	Art Unit	1763	
	Examiner Name	Unknown	
Total Number of Pages in This Submission	19	Attorney Docket Number	006915 P03

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
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<input type="checkbox"/> Response to Missing Parts/Incomplete Application	Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Robert M. Wallace Reg. No. 29,119
Signature	<i>Robert M. Wallace</i>
Date	09/29/2004

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I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.	
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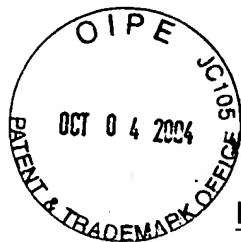
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09-29-04 Guilbert Hunt
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PATENT

Attorney Docket No.: 006915 P03
RW Ref. No.: APM/001-02-CP1-3



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Kenneth COLLINS, et al.

Serial No.: 10/646,532

Examiner: Unknown

Filed: August 22, 2003

Group Art Unit: 1763

For: PLASMA IMMERSION ION IMPLANTATION APPARATUS INCLUDING
A CAPACITIVELY COUPLED PLASMA SOURCE HAVING LOW
DISSOCIATION AND LOW MINIMUM PLASMA VOLTAGE

PRELIMINARY AMENDMENT TRANSMITTAL

Mail Stop Non-Fee Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

S I R :

Transmitted herewith is a Preliminary Amendment in the above-identified
application. The fee has been calculated as shown below.

	Claims remain- ing after amendment	Highest number previously paid for	Present extra	Rate	Additional Fee
Total Claims	58 minus	58 =	0	x \$18	\$000.00
Independent	1 minus	3 =	0	x \$86	\$000.00
If Multiple Dependent Claims Are Present, Add \$290.00					
(If applicant is a "small entity," subtract half of total)					\$000.00
Total additional fee for this amendment					\$000.00


☒ No additional fee is required.

☐ A check in the amount of \$ is attached.

☒ The Commissioner is hereby authorized to charge any additional fees or deficiencies or credit overpayment to Deposit Account No. 50-0338.

Respectfully submitted,

Dated: 09/29/2004


 Robert M. Wallace
 Reg. No. 29,119
Customer No. 000044843
 Attorney for Applicants

Robert M. Wallace
 Patent Counsel
 2112 Eastman Avenue, Suite 102
 Ventura, CA 93003
 (805) 644-4035

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09-29-04 Quelly Hart

Date Name



PATENT

Attorney Docket No. 006915 P03

RW Ref. No.: APM/001-02-CP1-3

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: :
Kenneth COLLINS, et al. :
: Group Art Unit: 1763
Entitled: PLASMA IMMERSION ION :
IMPLANTATION APPARATUS INCLUDING A :
CAPACITIVELY COUPLED PLASMA SOURCE :
HAVING LOW DISSOCIATION AND LOW :
MINIMUM PLASMA VOLTAGE :
: Examiner: Unknown
Serial No.: 10/646,532 :
: :
Filing Date: August 22, 2003 :

PRELIMINARY AMENDMENT

Mail Stop Non-Fee Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Prior to taking action in this case, please amend the above-identified application as follows:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 3 of this paper.

Remarks begin on page 16 of this paper.